

Title (en)  
LIQUID LEVEL GAUGE WITH REMOVABLE INDICATOR ASSEMBLY

Title (de)  
FLÜSSIGKEITSPEGELMESSER MIT ABNEHMBARER ANZEIGEANORDNUNG

Title (fr)  
JAUGE DE NIVEAU DE LIQUIDE AVEC ENSEMBLE INDICATEUR AMOVIBLE

Publication  
**EP 4269814 A2 20231101 (EN)**

Application  
**EP 23177612 A 20181111**

Priority

- US 201815934049 A 20180323
- EP 18830709 A 20181111
- US 2018060231 W 20181111

Abstract (en)

An indicator assembly for determining a liquid level condition (15) within a tank (12) includes a dial assembly (28) and a removable sensor module (30) connected to the dial assembly (28). The dial assembly has a base (60) and a cover (64) connected to the base. A channel (48) formed in the cover has a go-no-go protrusion (158, 160). An actuator (50) is movable in response to a change in liquid level. The sensor module (30) is shaped for insertion into the channel (48) and has a housing (170) with a sensor (58) for determining movement of the actuator. A go-no-go cavity (162, 164) complementary in shape with the go-no-go protrusion (158, 160) is formed in the housing (170) permitting full insertion of the sensor module (30) into the channel (48) with the sensor (58) aligned with the actuator (50) for generating signals related to the liquid level condition.

IPC 8 full level  
**F16B 1/00** (2006.01)

CPC (source: EP)  
**F16B 5/126** (2013.01); **G01F 23/38** (2013.01); **F16B 1/02** (2013.01); **F16B 21/09** (2013.01); **F16B 2200/83** (2023.08)

Citation (applicant)

- US 6041650 A 20000328 - SWINDLER DANNY E [US], et al
- US 6564632 B2 20030520 - ROSS JR HERBERT G [US]
- US 5564632 A 19961015 - PROHAZKA GEORGE J [US]

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DOCDB simple family (publication)  
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